

4

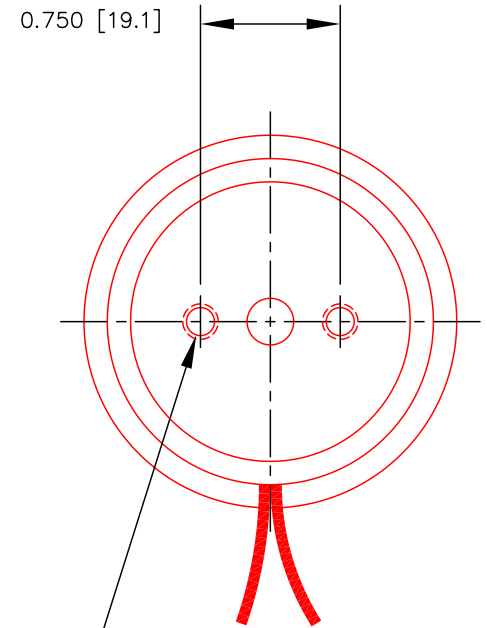
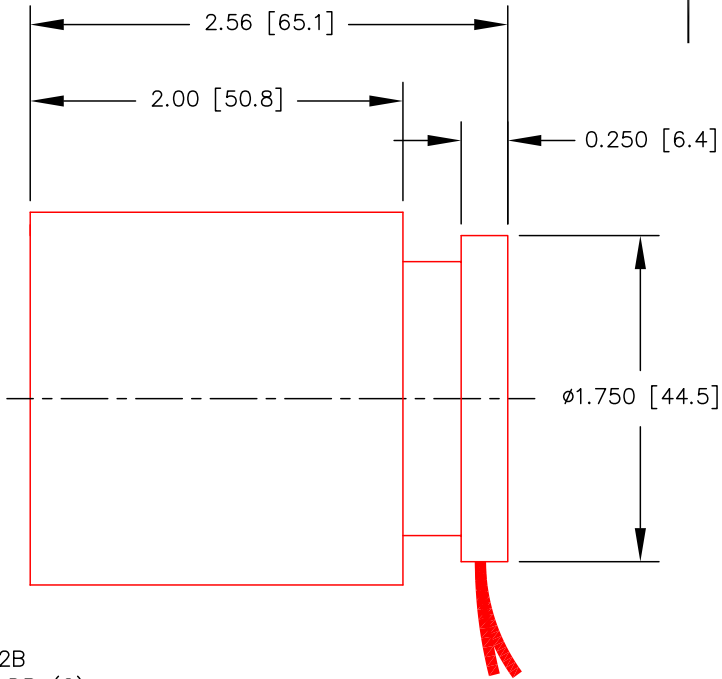
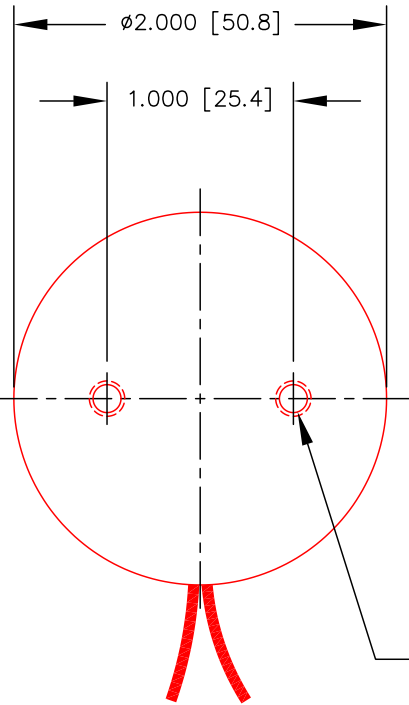
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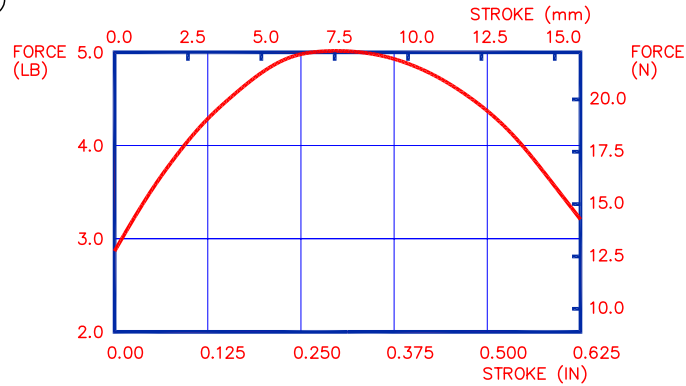
1

SHOWN AT MID-STROKE

REVISIONS					
ZONE	LETTER	DESCRIPTION	DATE	CHECKED	APPROVED



INTERMITTENT FORCE @10% DUTY CYCLE	70.6 N	15.90 LB
CONTINUOUS FORCE	22.3 N	5.02 LB
FORCE CONSTANT	7.1 N/A	1.59 LB/A
BACK EMF CONSTANT	7.1 V/M/S	0.18 V/IN/S
STROKE	15.9 mm	0.625 IN
COIL CLEARANCE PER SIDE	3.56 mm	0.140 IN
COIL ASSY MASS	87 GR	3.07 OZ
BODY MASS	455 GR	16.1 OZ
COIL RESISTANCE	2.8 Ohms	
COIL INDUCTANCE @ 1000 Hz	0.9 mH	
MAX CONTINUOUS POWER	28 W	



CONTINUOUS FORCE

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2-FOR PROPER HEAT DISSIPATION, THE MOTOR SHOULD BE MOUNTED ON A METALLIC BODY WITH ADEQUATE SURFACE AREA IN AN UNRESTRICTED FLOW OF AIR.

1-ALL VALUES AT 25°C

NOTES:
UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES (mm) TOLERANCES ON: DECIMALS FRACTIONS ANGLES .XXX .XX ± 1/125 ± 1/2° ± .005 ± .01 UNLESS OTHERWISE SPECIFIED	
USED ON	NEXT ASSY
APPLICATION	

MATERIAL	CONTRACT	
FINISH	DRN	CHKD
	APPVD	APPVD
APPLICATION		

motiCont			
LINEAR VOICE COIL MOTOR			
SIZE A	CODE	DWG. NO. LVCM-051-051-07	REV. 1
SCALE: 1 / 1		SHEET 1 OF 1	

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3

2

1